



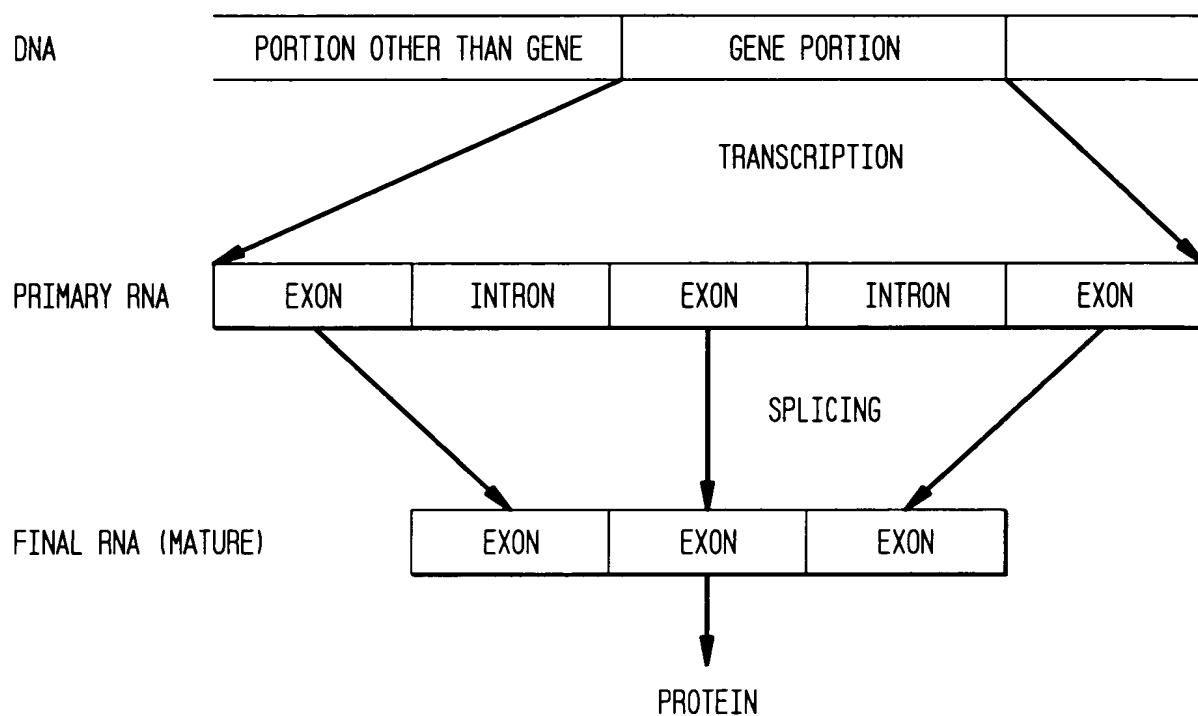
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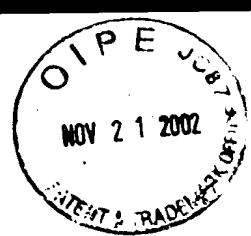
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FIG. 1



APPROVED	O.G. FIG.
BY	CLASS
TRAFTON	SUBCLASS



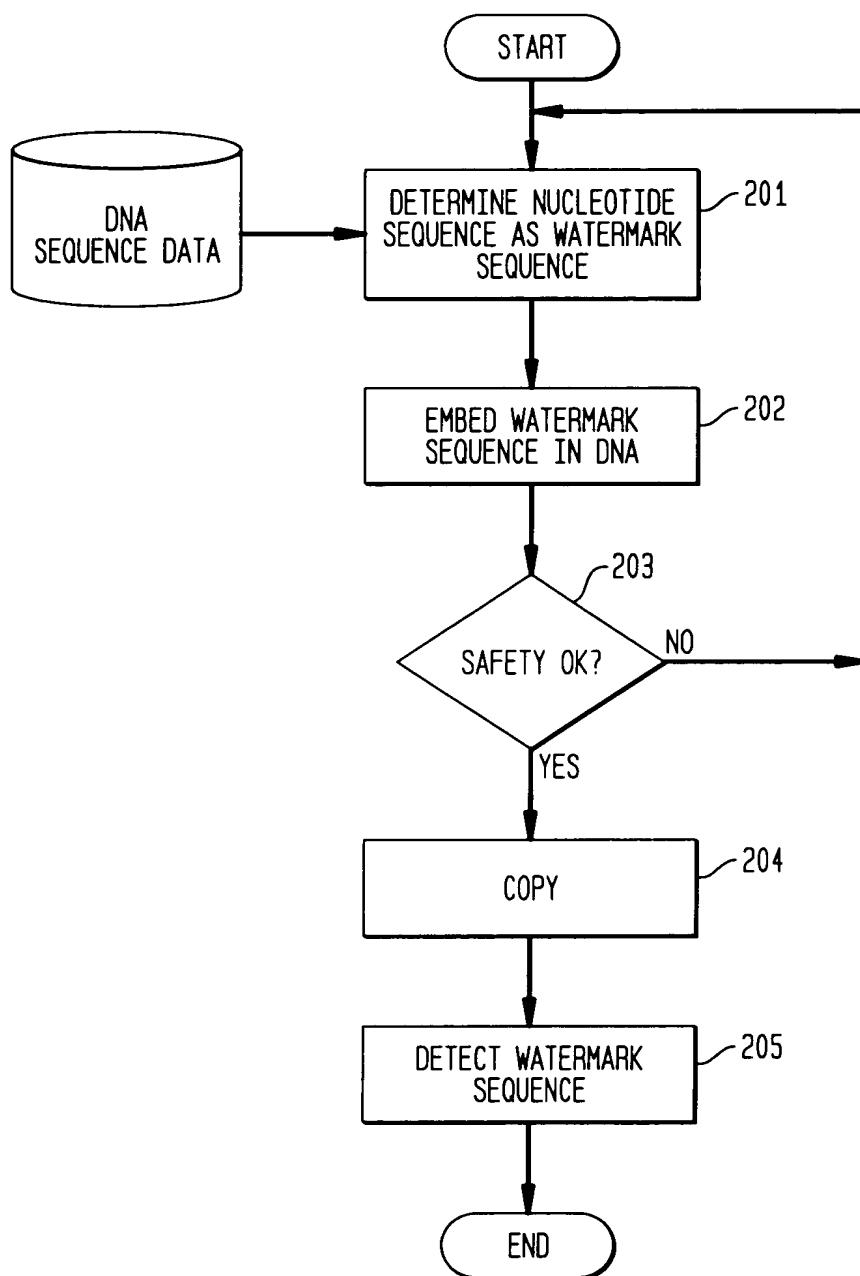
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FIG. 2

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FIG. 3

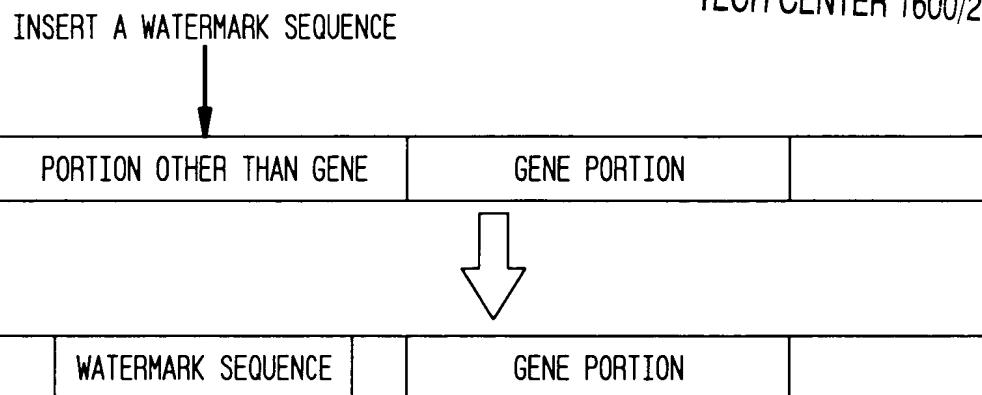
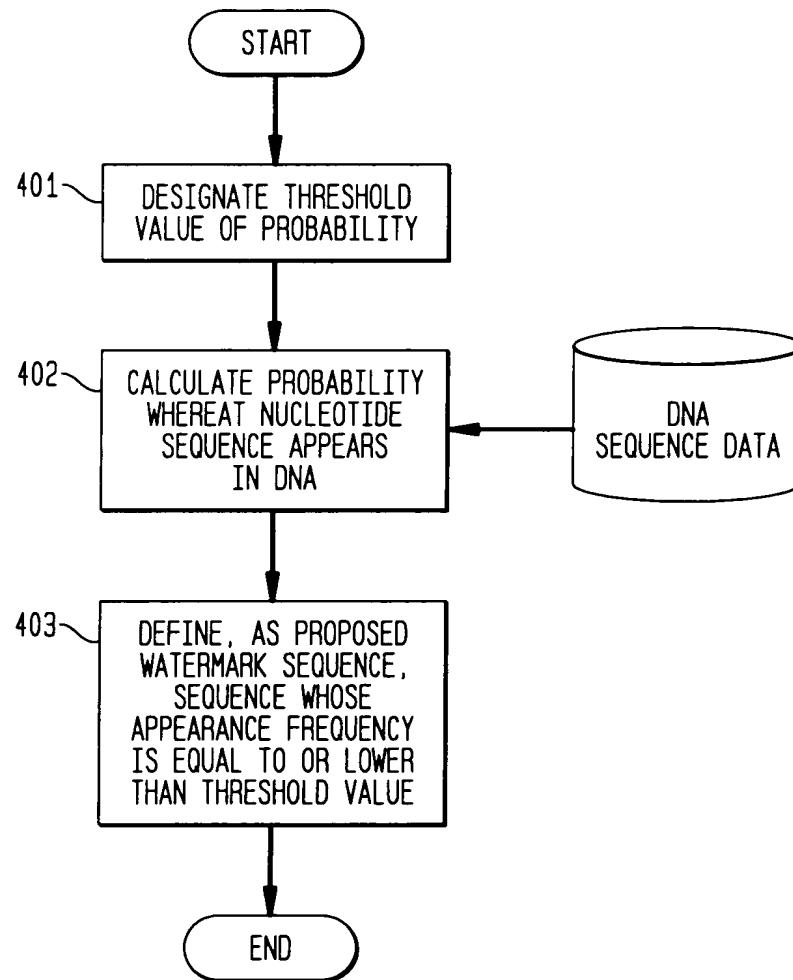


FIG. 4



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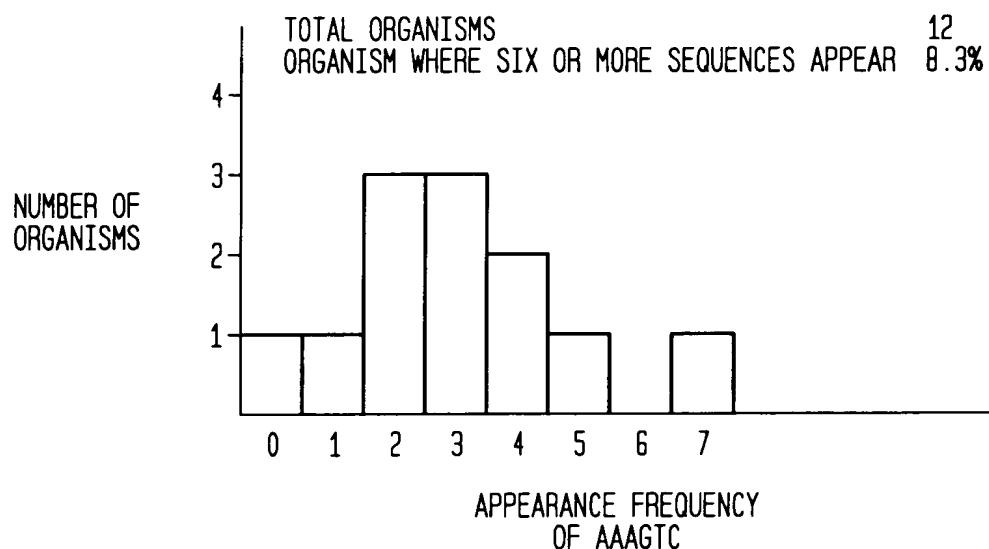
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FIG. 5

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PARTIAL SEQUENCE HAVING A LENGTH OF SIX BASES	APPEARANCE FREQUENCY IN A SPECIFIC ORGANISM
AAAGTT	12
AAAGTG	50
AAAGTC	3
AAAGTA	11
AAAGGT	2
AAAGGG	0
...	...

FIG. 6





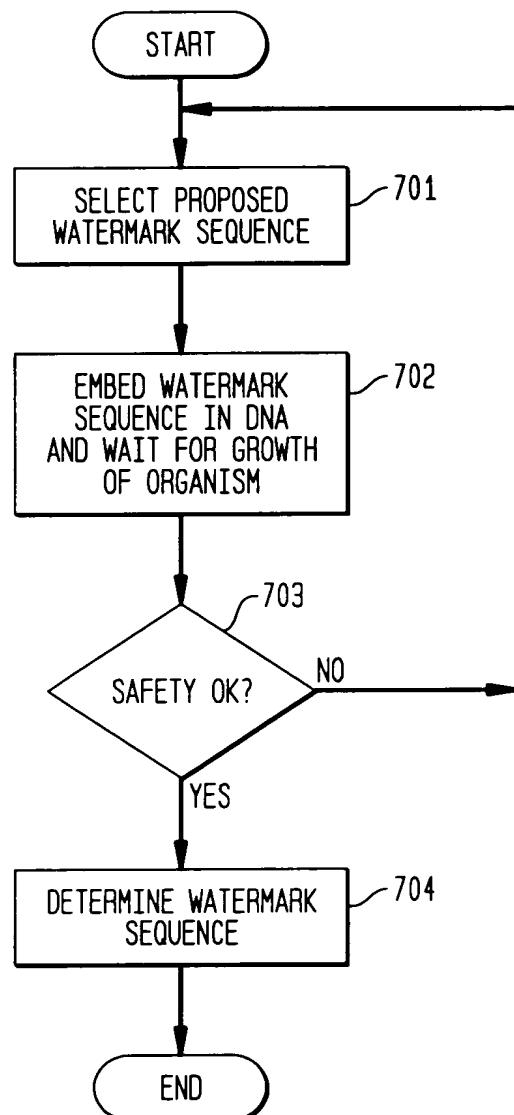
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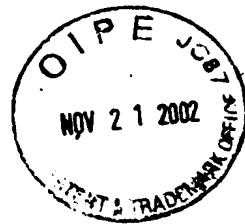
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FIG. 7





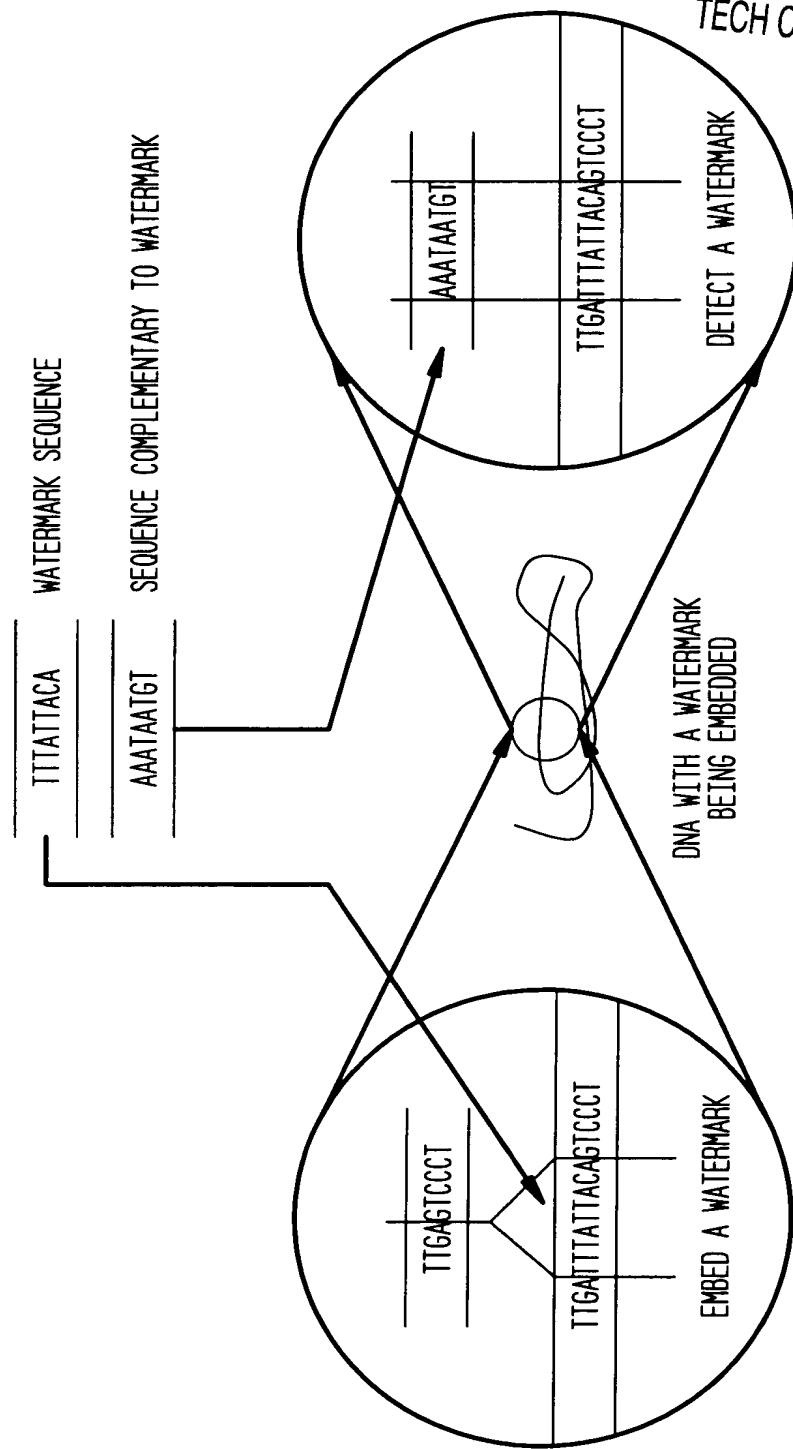
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FIG. 8





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## FIG. 9

DNA SEQUENCE (USE AAATAATGT AS A WATERMARK)

DNA SEQUENCE

READ SEQUENCE USING SEQUENCER

DNA SEQUENCE

ACGTTGTCAGGTGAAACCTGTACGTTAATCTCTGGTACAAATAATGTTTGTCCCTCTAG

DETECT WATERMARK SEQUENCE



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FIG. 10

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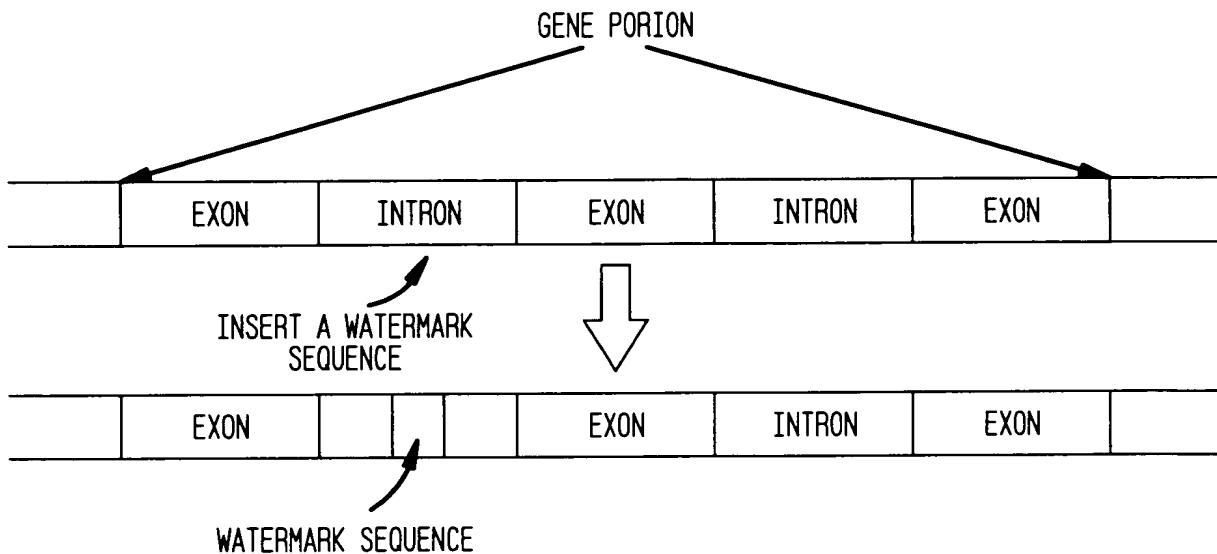
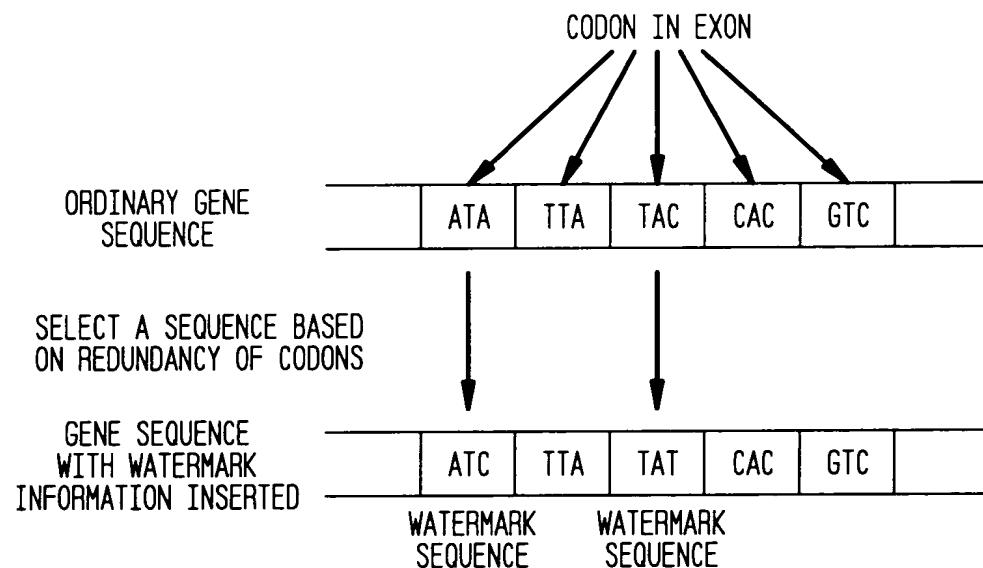


FIG. 11





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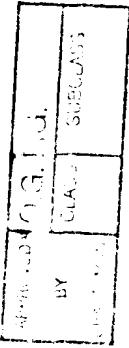


FIG. 12

	FIRST EMBODIMENT (INSERT A WATERMARK SEQUENCE IN A PORTION OTHER THAN A GENE PORTION)	SECOND EMBODIMENT (INSERT A WATERMARK SEQUENCE IN AN INTRON)	THIRD EMBODIMENT (INSERT A WATERMARK INFORMATION USING CODON REDUNDANCY)
TOLERATION OF MATING	YES	YES	YES
TOLERATION OF COPYING OF THE PRIMARY RNA	NO	YES	YES
TOLERATION OF COPYING AFTER SPLICING	NO	NO	YES



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FIG. 13

UUU Phe	UCU Ser	UAU Tyr	UGU Cys
UUC Phe	UCC Ser	UAC Tyr	UGC Cys
UUA Leu	UCA Ser	UAA Termination	UGA Termination
UUG Leu	UCG Ser	UAG Termination	UGG Trp
CUU Leu	CCU Pro	CAU His	CGU Arg
CUC Leu	CCC Pro	CAC His	CGC Arg
CUA Leu	CCA Pro	CAA Gln	CGA Arg
CUG Leu	CCG Pro	CAG Gln	CGG Arg
AUU Ile	ACU Thr	AAU Asn	AGU Ser
AUC Ile	ACC Thr	AAC Asn	AGC Ser
AUA Ile	ACA Thr	AAA Lys	AGA Arg
AUG Met	ACG Thr	AAG Lys	AGG Arg
GUU Val	GCU Ala	GAU Asp	GGU Gly
GUC Val	GCC Ala	GAC Asp	GGC Gly
GUA Val	GCA Ala	GAA Glu	GGA Gly
GUG Val	GCG Ala	GAG Glu	GGG Gly